petervogel INSTRUMENTS

CMI-30AX
30TH ANNIVERSARY CMI

When the Fairlight CMI* arrived on the scene in the eighties it changed the way we make music, forever.

Today every sampler, digital synthesiser, and audio workstation can trace its lineage back to this legendary machine. Known for its solid, hand-built quality and iconic sounds, the CMI holds a special place in history and in the hearts of musicians everywhere.

Now, after thirty years, the CMI returns. With all the character of the original, the 30AX delivers a major nostalgia hit. Featuring the hallmark look and feel of the original CMI, the 30th anniversary CMI harnesses the latest technology to deliver the classic 'CMI sound' no other system has achieved.

As you crank up the 30AX's unique 'goodness control', the quality morphs from pristine 24 bit floating point fidelity into the soulful sound that made music history. Turn it up to 11 and it sounds even more organic than the old CMI – chock full of eighties goodness!*

With one of the inventors of the original Fairlight CMI at the helm, Peter Vogel Instruments brings a little eighties magic to the cold, hard digital world of 2013.

www.petervogelinstruments.com.au

THE LEGEND RETURNS

SPECIFICATIONS

The CMI-30AX is a unique instrument, combining the latest technology with the look and feel of the original Fairlight* CMI. It achieves the classic CMI sound that defined music of the eighties, as well as the modern sound of technology capable of uncompromising signal purity.
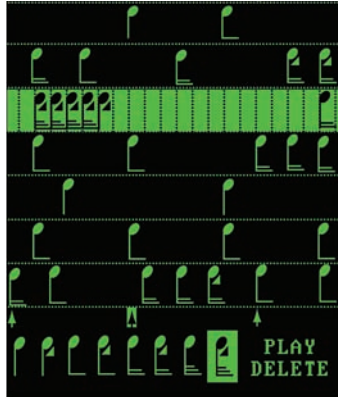
Both these extremes are made possible by the extraordinary combination of 21st century field-programmable gate array technology with actual analog filters.

CMI-30AX HARDWARE SPECIFICATIONS

Note: All hardware and software specifications are indicative only and subject to change as the product development continues.

Mainframe
Free-standing unit

500GB SATA hard drive,
DVD R/W drive, USB ports

Audio Outputs:

2 channels analogue, balanced XLR connectors

2 channels analogue monitor mix, balanced XLR (front and rear panel access)

Dynamic range > 90 dB (unweighted)

THD < 0.002% @ 1kHz, -1dBFS

Frequency response +0.05 / -2 dB, 20 Hz – 20kHz

Digital output: S/PDIF

Audio Inputs:

2 balanced mic/line inputs XLR, phantom power 48V option

Sample rate: 44.1, 48 kHz

THD < 0.002% @ 1kHz, -1dBFS

Frequency response +0.05 / -2 dB, 20 Hz – 20kHz

Digital input: S/PDIF

Other I/O:

MIDI, MIDI Timecode, input and output 5 pin DIN

Word clock (for synchronisation to external sources)

Physical:

Width 58cm Depth 50cm Height 30cm, 32kg

Music keyboard
Action:

Fatar 76 key TP40GH with weighted keys and hammer action for a real piano feel, velocity and aftertouch.

* Fairlight is a trademark of Fairlight.au Pty Ltd

Power:

100-240V AC 9W

Outputs:

MIDI, USB

Controls:

Pedal x 3, pitch wheel, mod wheel, 3 assignable rotary controls, 2 assignable switches, assignable multitouch colour screen

Physical:

Width 130cm Depth 44cm Height 9.5cm, 25kg

Monitor

Monitor:

LCD 17" 1280 x 1024 pixels

Lightpen:

Pointer with left/right click button. Precision machined stainless steel for superior feel

Power:

100-240V AC 50W.

Physical:

Width 51cm Depth 28cm Height 38cm, 12kg

QWERTY keyboard
85 clicky keys, USB output

Physical:

Welded aluminium enclosure. Width 34cm Depth 19cm Height 5.6cm, 1.1kg

FUNCTIONAL SPECIFICATION

The original Fairlight CMIs were renowned not only for their superb sound quality, but also their elegant and intuitive software.

The CMI-30AX combines the very best features of the Fairlight series IIX and the III, with significant new developments.

Sound quality is continuously variable using the unique "goodness" control which spans from Series I, II, or III quality to "best possible" 24-bit floating point.
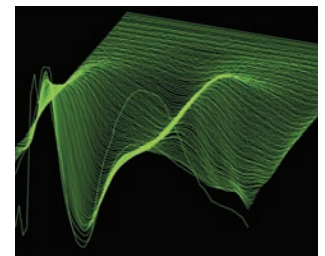
The base 30AX system offers 24 tracks and channels. The operating system should be considered "closed", that is no other software can be installed by users and the instrument should not be used for any purpose other than as a CMI, as supplied by the factory. It should only be connected to the internet for maintenance.

Software functionality is being finalised at the time of publication. Please refer to **www.petervogelinstruments.com.au** for updates as development continues.

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